

When the communication terminal for which transmission directivity is generated (that is, communication terminal 116 in the case of transmission directivity generation circuit 110 and communication terminal 117 in the case of transmission directivity generation circuit 111) is a high-speed communication terminal apparatus, transmission directivity generation circuit 110 and transmission directivity generation circuit 111 generate normal transmission directivity (for example, generate transmission directivity in such a way that directivity is directed in the direction of arrival of a signal sent from a communication terminal for which transmission directivity is generated). On the contrary, when the communication terminal for which transmission directivity is generated is a communication terminal that carries out a general communication, transmission directivity generation circuit 110 and transmission directivity generation circuit 111 generate transmission directivity in such a way that a null is directed in the direction of arrival of a signal sent from the communication terminal which is the high-speed data communication terminal apparatus.